

DRAFT - FOR DISCUSSION ONLY

July 1, 1999 - Draft VOC Limits

Accounting for Minimum Dilution Ratios

		Current VOC Limits and Status				New VOC Limits and Status All Limits Effective on 12/31/2002				Adjusted for Market Coverage		
Cat. Code	Product Category Name	Current VOC Limit (Wt. %)	Current Effective Date	Range of VOC Content	Sales Weighted Average VOC%	New Proposed VOC Limit (% by wt.)	Complying Marketshare (%)	# Complying Products/ Total # of Products	Complying Products (%)	Emission Reductions (%)	1997 Emission Reductions in CA / Total Emissions in CA. (tons/day)	2010 Emission Reductions in S.C. / Total Emissions in S.C. (tons/day)
1103	Carpet and Tile Adhesives			0-50%	4 %	2	55 %	13 / 22	59 %	67 %	0.04 / 0.06	0.02 / 0.03
1104	Construction, Panel and Flooring Adhesives	40	1/1/95	0-50%	22 %	15	22 %	58 / 106	55 %	44 %	0.42 / 0.96	0.22 / 0.51
1105	Contact Adhesive	80	1/1/95	0-85%	59 %	20	6 %	14 / 37	38 %	69 %	0.20 / 0.29	0.11 / 0.15
1108	Pipe Cements and Primers			0-100%	68 %	50*	10 %	5 / 51	10 %	30 %	0.36 / 1.19	0.19 / 0.63
1201	Sealant and Caulking Compounds			0-60%	4 %	4	69 %	261 / 374	70 %	44 %	0.84 / 1.93	0.45 / 1.02
2202	Automotive Brake Cleaners (non-Aerosols)	50	1/1/97	0-100%	49 %	45	42 %	14 / 37	38 %	6 %	0.02 / 0.34	0.01 / 0.18
	Automotive Brake Cleaners (Aerosols)	50	1/1/97	0-100%	42 %	45	40 %	37 / 82	45 %	6 %	0.29 / 5.26	0.15 / 2.79
2203	Carburetor, Choke Cleaners (non-Aerosols)	75	1/1/95	25-100%	43 %	45	>50 %	3 / 12	25 %	22 %	0.05 / 0.23	0.03 / 0.12
	Carburetor, Choke Cleaners (Aerosols)	75	1/1/95	25-100%	68 %	45	5 %	4 / 61	7 %	34 %	2.14 / 6.25	1.13 / 3.31
2204	Engine Degreasers (Aerosols)	50	1/1/96	0-100%	34 %	25	46 %	14 / 48	29 %	38 %	0.63 / 1.67	0.33 / 0.89
	Engine Degreasers (non-Aerosols)	50	1/1/96	0-60%	1 %	5	96 %	11 / 22	50 %	63 %	0.05 / 0.08	0.03 / 0.04
2205	Solvent Parts Cleaners (Aerosols) - (include under General Purpose Degreaser)			0-100%	97 %	50	<10 %	2 / 12	17 %	49 %	0.36 / 0.73	0.19 / 0.39
2206	Tire Sealants and Inflators			0-45%	21 %	20	50 %	4 / 13	31 %	36 %	0.32 / 0.89	0.17 / 0.47
2208	Auto Windshield Washer Fluids	10 / 35	1/1/93	0-100%	unknown	0**	unknown	unknown	unknown	unknown	8.3 / 8.30	4.40 / 4.40
4302	Flying Insect Insecticide (non-Aerosols)	35	1/1/95	0-10%	0.5 %	25	99 %	14 / 17	82 %	50 %	0.01 / 0.02	0.01 / 0.01
	Flying Insect Insecticide (Aerosols)	35	1/1/95	5-45%	30 %	25***	13 %	7 / 43	16 %	18 %	0.11 / 0.60	0.06 / 0.32
4304	Lawn and Garden Insecticides (Aerosols)	20	1/1/95	15-35%	25 %	3	0 %	0 / 4	0 %	50 %	0.01 / 0.01	0.00 / 0.01
	Lawn and Garden Insecticides (non-Aerosols)	20	1/1/95	0-70%	1 %	3***	99 %	139 / 157	89 %	26 %	0.35 / 1.35	0.19 / 0.72

DRAFT - FOR DISCUSSION ONLY

July 1, 1999 - Draft VOC Limits

Accounting for Minimum Dilution Ratios

		Current VOC Limits and Status				New VOC Limits and Status All Limits Effective on 12/31/2002				Adjusted for Market Coverage		
Cat. Code	Product Category Name	Current VOC Limit (Wt. %)	Current Effective Date	Range of VOC Content	Sales Weighted Average VOC%	New Proposed VOC Limit (% by wt.)	Complying Marketshare (%)	# Complying Products/ Total # of Products	Complying Products (%)	Emission Reductions (%)	1997 Emission Reductions in CA / Total Emissions in CA. (tons/day)	2010 Emission Reductions in S.C. / Total Emissions in S.C. (tons/day)
4305	Crawling Bug Insecticides (Aerosols)	20	1/1/98	0-40%	28 %	15	15 %	13 / 62	21 %	13 %	0.49 / 3.81	0.26 / 2.02
	Crawling Bug Insecticides (non-Aerosols)	20	1/1/98	0-10%	0.5 %	3	94 %	71 / 84	85 %	0 %	0.00 / 0.10	0.00 / 0.05
4306	Insecticide Foggers	45	1/1/95	20-45%	39 %	30	0 %	1 / 23	4 %	24 %	0.22 / 0.93	0.12 / 0.49
4401	Insect Repellants (non-Aerosols)			0-95%	39 %	45	63 %	27 / 32	84 %	3 %	0.08 / 2.46	0.04 / 1.30
	Insect Repellants (Aerosols)	65	1/1/94	30-65%	55 %	45	>20 %	2 / 21	10 %	21 %	0.06 / 0.28	0.03 / 0.15
5202	General Purpose Cleaners (Aerosols)	10	1/1/94	0-10%	9 %	8	11 %	10 / 39	26 %	14 %	0.02 / 0.14	0.01 / 0.07
	General Purpose Cleaners - RTU (Dilutes)	10	1/1/94	0-10%	1 (0.01) %	2	61 (99.9) %	464 / 558	83 %	23 %	1.85 / 7.89	0.98 / 4.18
5203	General Purp. Degreasers (Aerosols)	50	1/1/01	0-100%	84 %	40	13 %	12 / 32	38 %	14 %	0.04 / 0.28	0.02 / 0.15
	General Purp. Degreasers - RTU (Dilutes)	10	1/1/01	0-100%	22 (0.5) %	2	27 (95) %	182 / 294	62 %	19 %	0.38 / 2.05	0.20 / 1.09
5204	Glass Cleaners - RTU (Dilutes)	6	1/1/96	0-10%	4 (3) %	2	4 (45) %	52 / 179	29 %	52 %	1.70 / 3.28	0.90 / 1.74
5208	Tub, Tile and Sink Cleaners (Aerosols)	7	1/1/94	5-10%	7 %	5	<10 %	3 / 11	27 %	22 %	0.11 / 0.50	0.06 / 0.27
5402	Flexible Floor Wax/Polish - RTU (Dilutes)	7	1/1/94	0-10%	3 %	3	80 %	137 / 216	63 %	24 %	0.14 / 0.58	0.07 / 0.31
5404	Non-Paste Wood Floor Wax/Polish	90	1/1/94	0-90%	55 %	65	40 %	13 / 21	62 %	26 %	0.16 / 0.62	0.09 / 0.33
5405	Furniture Waxes and Polishes (Aerosols)	25	1/1/94	4-30%	20 %	15	7 %	16 / 52	31 %	27 %	0.53 / 1.98	0.28 / 1.05
5406	Leather Protectants			95-100%	99 %	65	<10 %	1 / 15	7 %	35 %	0.13 / 0.37	0.07 / 0.20
	Water Proofers			0-100%	78 %	65	16 %	7 / 18	39 %	25 %	0.06 / 0.24	0.03 / 0.13
5602	Single/Dual Phase Aerosol Air Fresh.	30	1993/1996	15-100%	30 %	20	<10 %	3 / 138	2 %	34 %	1.55 / 4.61	0.82 / 2.45
6402	Hair Mousses	16	1/1/94	0-55%	9 %	6	27 %	39 / 137	28 %	43 %	0.33 / 0.76	0.18 / 0.40

DRAFT - FOR DISCUSSION ONLY

July 1, 1999 - Draft VOC Limits

Accounting for Minimum Dilution Ratios

		Current VOC Limits and Status				New VOC Limits and Status All Limits Effective on 12/31/2002				Adjusted for Market Coverage		
Cat. Code	Product Category Name	Current VOC Limit (Wt. %)	Current Effective Date	Range of VOC Content	Sales Weighted Average VOC%	New Proposed VOC Limit (% by wt.)	Complying Marketshare (%)	# Complying Products/ Total # of Products	Complying Products (%)	Emission Reductions (%)	1997 Emission Reductions in CA / Total Emissions in CA. (tons/day)	2010 Emission Reductions in S.C. / Total Emissions in S.C. (tons/day)
6503	Nail Polish Removers	75	1/1/96	0-90%	21 %	0	30 %	19 / 54	35 %	100 %	0.47 / 0.47	0.25 / 0.25
6603	Shaving Gels			0-10%	7 %	5	3 %	8 / 15	53 %	33 %	0.21 / 0.64	0.11 / 0.34
Total Reductions / Emissions											22.39 / 62.09	11.84 / 32.93
Acetone Credit -Nail Polish Rem											1.24	0.66
											23.63	12.50

* May require subcategorization

** For non-Type A areas

*** Effective date extended until December 31, 2003

RTU = Ready To Use Products - The dilutable average VOC content and complying marketshare are shown in parenthesis.

Bold = Standard changed or category added since previous workshop